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**INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

Sheet 1 of 5

COMPLETE IF KNOWN

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|------------------------|----------------------------|
| Application Number | 10/732,783 |
| Filing Date | December 10, 2003 |
| First Named Inventor | HONE, et al. |
| Art Unit | Unassigned 1648 |
| Examiner Name | Unassigned PARKIN, JEFFREY |
| Attorney Docket Number | 4115-122-DIV2 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|----------|-----------------|--------------------------------|--------------------------|--|
| J | AA | US-5,997,881 | | 12-07-1999 | Powell et al. |
| | AB | US-5,510,119 | | 04-23-1996 | Santus et al. |
| | AC | US-5,191,072 | | 03-02-1993 | Hasegawa et al. |
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| | AE | US-5,597,573 | | 01-28-1997 | Kamireddy et al. |
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| | AG | US-5,189,674 | | 02-23-1993 | |

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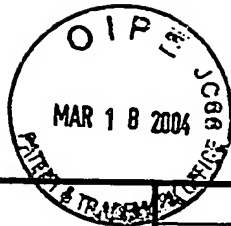
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation | |
|--------------------|----------|-------------------------|--------------------------------|--|-------------|-----------------|
| | | | | | YES | NO ¹ |
| J | AH | WO 97/08955 | 03-13-1997 | | | |
| | AI | WO 91/16449 | 10-13-1991 | | | |
| | AJ | JP-A-63010728 | 01-18-1998 | | | |
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| | AN | WO84/04526 | 11-22-1984 | | | |
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signatureDate
Considered

04/15/06

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| | | | | | YES | NO ¹ |
| J | AO | WO92/00101 | 01-09-1992 | | | |
| | AP | WO92/06113 | 04-16-1992 | | | |
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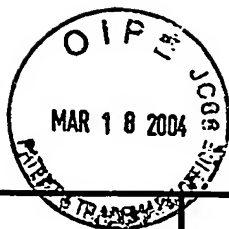
NON-PATENT LITERATURE DOCUMENTS

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|--------------------|----------|---|----------------|
| J | AW | Bernstein, et al., 1991, J. Clinical invest. 88:540 | |
| | AX | Begrasra, et al., 1992, Proc. Natl. Acad. Sci 89:6285 | |
| | AY | Bhat et al., Glyco Biology 2:535-539 (1992) | |
| | AZ | Bunnell et al., Crit. Care Med. Suppl. 23:147 (1995) | |
| | BA | Bunnell et al., Crit. Care Med. Suppl. 23:A151 (1995) | |
| | BB | Chemical Abstracts, Vol. 109, No. 17, 7 November 1988, Abstract No. 163524, "Disaccharide Derivatives as Analgesics" | |
| | BC | Christ et al., J. Am. Chem. Soc. 116:3637 (1994) | |
| | BD | Darveau et al., "Ability of Bacteria Associated With Chronic Inflammatory Disease to Stimulate E-Selectin Expression and Promote Neutrophil Adhesion", Infect. And Immun. 63:1311-1317 (1995). | |
| | BE | Erwin and Munford, J. Biol. Chem. 256:16444 (1990) | |
| | BF | Fagan et al., J. Immunol. 153:5230 (1994) | |

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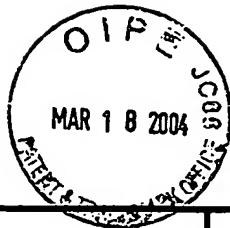
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|--------------------|----------|---|----------------|
| 2 | BG | Flexner, C. and C. Hendrix, 1997, "Pharmacology of antiretroviral agents," in AIDS: Biology, Diagnosis, Treatment and Prevention, fourth edition, DeVita, J., V., et al., eds., Lippincott-Raven Publishers, pp. 479-493 | |
| | BH | Friedman et al., "Immunodeficiency of Endotoxins and Nontoxic Derivatives for Normal and Leukemic Immunocytes" Advances in Exp. Med. and Biol., Vol. 256, (1990) pp. 525-535. | |
| | BI | Gait, M. and J. Karn, 1995, "Progress in anti-HIV structure-based drug design," TIBTECH 13(10):430-438 | |
| | BJ | Golenback et al., J. Biol. Chem. 266:19490 (1991) | |
| | BK | International Search Report dated 17/03/99, for PCT/US98/20264, filed 28/09/98 | |
| | BL | Johnson et al., "Characterization of a Nontoxic Monophosphoryl Lipid A," Review of Infectious Diseases, Vol. 9, No. S5 (1987) pp. S512-S516. | |
| | BM | Karow et al., J. Bacteriol., 173:741-750 (1991) | |
| | BN | Karow et al., "Isolation and Characterization of the <i>Escherichia coli</i> msbB Gene, a Multicopy Suppressor of Null Mutations in the High-Temperature Requirement Gene <i>htrB</i> ," J. Bacteriology, 174:702-710 (1992) | |
| | BO | Karow et al., "The Lethal Phenotype Caused by Null Mutations in the <i>Escherichia coli</i> <i>htrB</i> Gene is Suppressed by Mutations in the <i>accBC</i> Operon, Encoding Two Subunits of Acetyl Coenzyme A Carbohydrate," J. Bacteriol. 174:7407 (1992). | |
| | BP | Kornbluth et al., J. Exp. Medicine 169:1137 (1989). | |
| | BQ | Kotani et al., Infect. Immun. 49:225 (1985) | |
| | BR | Kovach et al., J. Exp. Med. 172:77-84 (1990). | |
| | BS | Munford and Hall, J. Biol. Chem. 264:15613 (1989). | |

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| Art Unit | Unassigned 1648 |
| Examiner Name | Unassigned PARKER, JEFFREY |
| Attorney Docket Number | 4115-122-DIV2 |

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|--------------------|----------|---|----------------|
| | BT | Neter et al., J. Immunol. 76:377 (1956). | |
| | BU | Öberg, B. and L. Vrang, 1990, "Screening for new agents," Eur. J. Clin. Microbiol. Infect. Dis. 9(7):466-471 | |
| | BV | Perera et al., Infect. Immun. 61:2015 (1993). | |
| | BW | Qureshi et al., J. Biol. Chem. 263:5502 (1988) | |
| | BX | Qureshi et al., J. Biol. Chem. 266:6532 (1991). | |
| | BY | Raetz et al., J. Bacteriol. 175:5745-5753 (1993). | |
| | BZ | Rietschal et al., FASEB J. 8:217-225 (1994). | |
| | CA | Salimath et al., Eur. J. Biochem. 136:195 (1983) | |
| | CB | Sica et al., J. Exp. Med. 185:969 (1997). | |
| | CC | Ulmer et al., Infect Immun. 60(12):5145-5152 (1992). | |
| | CD | Wang et al., Infect. Immun. 59(12):4655-4664 (1991). | |
| | CE | Yarchoan, R. and S. Broder, 1992, "Correlations between the <i>in vitro</i> and <i>in vivo</i> activity of anti-HIV agents: implications for future drug development," J. Enzym. Inhib. 6:99-111. | |
| | (CF) | Cornelis, P. et al., 1992, "Stability, frequency, and multiplicity of transposon insertions in the pyoverdine region in the chromosomes of different fluorescent pseudomonads", J.Gen. Microbiol. 138:1337-1343 | |
| | (CG) | Pries, A., et al., 1992, "Identification of a lipoamide dehydrogenase gene as a second locus affected in poly(3-hydroxybutyric acid)-leaky mutants of <i>Alcaligenes eutrophus</i> ", FEMS Microbiol. Lett. 97:227-234 | |
| | (CH) | Oberg, B., and L. Vrang, 1990, "Screening for new agents", Eur. J. Clin. Microbiol. Infect. Dis. 9(7):466-471 | |
| | (CI) | Yarchoan, R. and S. Broder, 1992 "Correlations between the <i>in vitro</i> and <i>in vivo</i> activity of anti-HIV agents: implications for future drug development", J. Enzym. Inhib. 6:99-111 | |
| | (CJ) | Gait, M. and J. Karn, 1995, "Progress in anti-HIV structure-based drug design", TIBTECH 13(10):430-438 | |

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| First Named Inventor | HONE, et al. |
| Art Unit | Unassigned 1648 |
| Examiner Name | Unassigned PARLATO, JEFFREY |
| Attorney Docket Number | 4115-122-DIV2 |

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| Examiner Initials* | Cite No. | Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|-----------------------|-------------|---|----------------|
| | CK | Flexner, C. and C. Hendrix, 1997, "Pharmacology of antiretroviral agents", in AIDS: Biology, Diagnosis, Treatment and Prevention, fourth edition, DeVita, Jr., V. et al., eds., Lippincott-Raven Publishers, pp. 479-493 | |
| | CL | Pomerantz, R.J., et al., 1990, "Lipopolysaccharide is a potent monocyte/macrophage-specific stimulator of human immunodeficiency virus type 1 expression", J. Exp. Med. 172:253-261 | |
| | CM | Moriuchi, H., et al., 2000 "In vitro reactivation of human immunodeficiency virus 1 from latently infected, resting CD4 T cells after bacterial stimulation", J. Infect. Dis. 181(6):2041-4 (abstract provided) | |
| | CN | Sunshine, M., et al., 1997, "Mutation of the htrB gene in a virulent Salmonella typhimurium strain by intergeneric transduction: strain construction and phenotypic characterization", J. Bacteriol. 179(17):5521-5533 | |
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